

Subject: glowbugs V1 #214

glowbugs

Monday, December 29 1997

Volume 01 : Number 214

Date: Sun, 28 Dec 1997 16:31:05 -0500 (EST)

From: rdkeys@csemail.cropsci.ncsu.edu

Subject: Re: 813 xtal osc. (update)

>

> Hi gang,

>

> Last night I soldered in the last component and ran the smoke test.

> No smoke and 100 watts output with a 3.579 whimpy crystal! Ok, now

> the fun begins...a tweak here, a tweak there...shape the keying, ect.

I heard Jack's fine 813 rockcrusher last night on the BA/GB QRG, and it sounded quite fine! Nice job Jack!.

Also, AC5P's fine 211 Hartley puffer was on, and was one of the most stable Hartleys I have heard in a long time. Kudo's to him, too.

See you on the QRG!

73/ZUT DE NA4G/Bob UP

> So, how are your Hartley, push pull tx, xtal osc. projects going? I sure
> enjoy hearing about them.

>

> Best regards,

> Jack W7QQQ

Date: Sun, 28 Dec 1997 12:39:26 -0800

From: "Paul Carreiro, N6EV" <n6ev@badger1.net>

Subject: Re: Question about 7.040 (F Beacon)

At 12:59 PM 12/28/97 -0600, Dave WB7AWK wrote:

>I've been listening to the QRP QRG the last couple

>of days at 7.040 and I am hearing a station sending

>nothing but a long series of 'F's - never an ID or

>anything else. It's now 18:52 and he's there - been

>there all morning. Anyone else heard this?

>

>Any idea what this is? I thought beacons had to send

>a callsign at some point. If it is a beacon, I don't

>have it on any beacon list. Anyone know where it is

>if in fact it's a beacon?

Hi Dave.. you've run across the famous 'F' Beacon. There are quite a few of these single letter beacons floating around 7.039.3. They all originate in Russia. Their purpose remains unknown. They appear to be generated at

QRP power levels due to their received signal strengths. For more detailed information.. and a list of the known single letter stations refer to:

<http://reality.sgi.com/adams/ussr.beacons>

I think there is an email reflector centered around single letter beacons. For more information, E-Mail Chuck, K5FO.

QRPers have been using these beacons as frequency markers for their lil kit rigs for years. It's an easy calibration mark.

73 Paul N6EV

Paul F. Carreiro - N6EV - ex-N6HCS - El Camino Village, CA
mailto:n6ev@badger1.net - <http://www.qsl.net/n6ev/>
QRP - Boatanchors - Glowbugs - Mobile CW - QRQ +45WPM - ZUT!
NorCal #367 - QRP-L #236 - QRP ARCI #8885 - FISTS #1407
SCQS #1 - Southern California QRP Society - WQ6RP
Zuni Loop Mountain Expeditionary Force (QRP Field Day) - K6ZNI

Date: Sun, 28 Dec 1997 12:37:08 -0800 (PST)
From: herr@ridgecrest.ca.us (Michael Herr)
Subject: Re: Question about 7.040...

Gang,

The famous single letter beacons, used to "hold the frequency". Here is some info on them from Chuck Adams, K5FO

C - Moscow, European Russia	37.58E	55.75N	(in degrees)
D - Odessa, Ukraine	30.70E	46.48N	
F - Vladivostok, Asiatic Russia	131.85E	43.14N	
K - Khabarovsk, Asiatic Russia	135.10E	48.50N	
L - St Petersburg, Eur. Russia	30.33E	59.92N	
M - Magadan, Asiatic Russia	150.83E	59.63N	
O - Moscow, European Russia	37.58E	55.75N	
P - Kaliningrad, Eur. Russia	20.50E	54.72N	
R - Ustinov,			
S - Archangel, Eur. Russia	41.00E	64.66N	
U - Murmansk, Eur. Russia	33.08E	68.97N	
X - Prague, Czech Republic	14.43E	50.08N	
yu - Kholmsk, Asiatic Russia	142.08E	47.66N	

**** yu is dididahdah ****

No data known on power levels are antenna patterns at this time.
Most experienced observers believe omni-directional
antennas.

Date: Sun, 28 Dec 1997 18:10:53 -0800 (PST)

From: Ken Gordon <keng@uidaho.edu>

Subject: Re: 813 xtal osc. (update)

> > Last night I soldered in the last component and ran the smoke test.
> > No smoke and 100 watts output with a 3.579 whimpy crystal! Ok, now
> > the fun begins...a tweak here, a tweak there...shape the keying, ect.
>
> I heard Jack's fine 813 rockcrusher last night on the BA/GB QRG, and
> it sounded quite fine! Nice job Jack!.

Which QRG? 3579 or 7050?

Ken

Date: Mon, 29 Dec 1997 07:11:30 -0500

From: "Forrest B. Snyder, Jr." <fbsnyder@mitre.org>

Subject: RE: Question about 7.040...

Dave wrote:

>I've been listening to the QRP QRG the last couple
>of days at 7.040 and I am hearing a station sending
>nothing but a long series of 'F's - never an ID or
>anything else. It's now 18:52 and he's there - been
>there all morning. Anyone else heard this?

Sure have, except I copied it as a long series of "P's" smack on 7.040. =
It was there when I got on at 0200 and still there when I got off at =
0500 (both UCT). Not particularly strong (539--559) with light QSB at =
my QTH in northern VA near Washington Dulles Airport. No ID, but keyed =
and spaced as regular as clockwork.

Are the aliens coming? =20

Forrest Snyder

N4UTY

fbsnyder@mitre.org

Date: Mon, 29 Dec 1997 12:32:26 -0800 (PST)

From: Ken Gordon <keng@uidaho.edu>

Subject: Re: coil info on xmitter

> do you have any coil information on the
> 10 watt push-pull crystal control beginners transmitter
> i want to put it on 80/40

Oooopppps! Big goof on my part. Will fix the web page asap.

C is a 50 pfd ("...or larger...") "doubled spaced Midget Variable

Condenser."

L1 is as follows:

Band: Total turns Center tap Wire size. Diameter.

80 51 26 #22 DSC 1.5"

40 25 13 #16 enam. 1.5"

L2 and L3 are 1 or two turn links connected by practically any length of twisted pair.

L4 is what ever coil you will need to use to resonate your particular antenna with the capacitor shown. I would start with the same coil as above and the capacitors shown on the diagram.

Ken W7EKB

End of glowbugs V1 #214
